

## WEST Search History

DATE: Wednesday, June 09, 2004

<u>Hide?</u>	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
<i>DB=PGPB,USPT,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<input type="checkbox"/>	L6	L5 and (antibiotic or gentamycin)	15
<input type="checkbox"/>	L5	L4 and (bFGF or IGF or (TGF Beta) or VEGF)	32
<input type="checkbox"/>	L4	L3 and (entactin and nidogen)	37
<input type="checkbox"/>	L3	L2 and collagen and (type IV)	1478
<input type="checkbox"/>	L2	L1 and laminin	1586
<input type="checkbox"/>	L1	implant and (heparin sulfate)	17037

END OF SEARCH HISTORY

result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 16:27:04 ON 09 JUN 2004

=> FILE CAPLUS USPATFUL JAPIO EUROPATFUL MEDLINE BIOSIS EMBASE  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
ENTRY SESSION  
FULL ESTIMATED COST 0.21 0.21

FILE 'CAPLUS' ENTERED AT 16:27:22 ON 09 JUN 2004  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPATFULL' ENTERED AT 16:27:22 ON 09 JUN 2004  
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'JAPIO' ENTERED AT 16:27:22 ON 09 JUN 2004  
COPYRIGHT (C) 2004 Japanese Patent Office (JPO) - JAPIO

FILE 'EUROPATFULL' ENTERED AT 16:27:22 ON 09 JUN 2004  
COPYRIGHT (c) 2004 WILA Verlag Muenchen (WILA)

FILE 'MEDLINE' ENTERED AT 16:27:22 ON 09 JUN 2004

FILE 'BIOSIS' ENTERED AT 16:27:22 ON 09 JUN 2004  
COPYRIGHT (C) 2004 BIOLOGICAL ABSTRACTS INC. (R)

FILE 'EMBASE' ENTERED AT 16:27:22 ON 09 JUN 2004  
COPYRIGHT (C) 2004 Elsevier Inc. All rights reserved.

=> S IMPLANT AND (HEPARIN SULFATE)  
L1 409 IMPLANT AND (HEPARIN SULFATE)

=> S L1 AND LAMININ  
L2 180 L1 AND LAMININ

=> S L2 AND COLLAGEN AND (TYPE IV)  
L3 90 L2 AND COLLAGEN AND (TYPE IV)

=> S L3 AND (ENTACTIN AND NIDOGEN)  
L4 7 L3 AND (ENTACTIN AND NIDOGEN)

=> S L4 AND (bFGF OR IGF OR (TGF Beta) OR VEGF)  
L5 4 L4 AND (bFGF OR IGF OR (TGF Beta) OR VEGF)

=> S LS AND (antibiotic or gentamycin)  
LS AND (ANTIBIOTIC OR GENTAMYCIN)

=> S LS AND (antibiotic or gentamycin).

=> d 17 1 ibib abs

1.7 ANSWER 1 OF 1

ACCESSION NUMBER: 2003:231619 USPATFULL  
TITLE: Pluripotent embryonic-like stem cells, compositions, methods and uses thereof  
INVENTOR(S): Young, Henry E., Macon, GA, UNITED STATES  
Lucas, Paul A., Poughkeepsie, NY, UNITED STATES

NUMBER                    KIND                    DATE

PATENT INFORMATION: US 2003161817 A1 20030828  
APPLICATION INFO.: US 2001-820320 A1 20010328 (9)  
DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: KLAUBER & JACKSON, 411 Hackensack Avenue, Hackensack, NJ, 07601  
NUMBER OF CLAIMS: 32  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 87 Drawing Page(s)  
LINE COUNT: 10419  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to pluripotent stem cells, particularly to pluripotent embryonic-like stem cells. The invention further relates to methods of purifying pluripotent embryonic-like stem cells and to compositions, cultures and clones thereof. The present invention also relates to a method of transplanting the pluripotent stem cells of the present invention in a mammalian host, such as human, comprising introducing the stem cells, into the host. The invention further relates to methods of in vivo administration of a protein or gene of interest comprising transfecting a pluripotent stem cell with a construct comprising DNA which encodes a protein of interest and then introducing the stem cell into the host where the protein or gene of interest is expressed. The present also relates to methods of producing mesodermal, endodermal or ectodermal lineage-committed cells by culturing or transplantation of the pluripotent stem cells of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 15 1-4 ibib abs

L5 ANSWER 1 OF 4 USPATFULL on STN  
ACCESSION NUMBER: 2003:231619 USPATFULL  
TITLE: Pluripotent embryonic-like stem cells, compositions, methods and uses thereof  
INVENTOR(S): Young, Henry E., Macon, GA, UNITED STATES  
Lucas, Paul A., Poughkeepsie, NY, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003161817	A1	20030828
APPLICATION INFO.:	US 2001-820320	A1	20010328 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	KLAUBER & JACKSON, 411 Hackensack Avenue, Hackensack, NJ, 07601		
NUMBER OF CLAIMS:	32		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	87 Drawing Page(s)		
LINE COUNT:	10419		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to pluripotent stem cells, particularly to pluripotent embryonic-like stem cells. The invention further relates to methods of purifying pluripotent embryonic-like stem cells and to compositions, cultures and clones thereof. The present invention also relates to a method of transplanting the pluripotent stem cells of the present invention in a mammalian host, such as human, comprising introducing the stem cells, into the host. The invention further relates to methods of in vivo administration of a protein or gene of interest comprising transfecting a pluripotent stem cell with a construct comprising DNA which encodes a protein of interest and then introducing the stem cell into the host where the protein or gene of interest is expressed. The present also relates to methods of producing mesodermal,

endodermal or ectodermal lineage-committed cells by culturing or transplantation of the pluripotent stem cells of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

LS ANSWER 2 OF 4 USPATFULL on STN

ACCESSION NUMBER: 2002:272865 USPATFULL

TITLE:

Extracellular matrix signalling molecules

INVENTOR(S):

Lau, Lester F., Chicago, IL, UNITED STATES

PATENT ASSIGNEE(S):

Munin Corporation (U.S. corporation)

NUMBER	KIND	DATE
--------	------	------

PATENT INFORMATION:

US 2002150986 A1 20021017

APPLICATION INFO.:

US 2002-53753 A1 20020122 (10)

RELATED APPLN. INFO.:

Continuation of Ser. No. US 1999-142569, filed on 2 Apr 1999, PENDING A 371 of International Ser. No. WO 1997-US4193, filed on 14 Mar 1997, UNKNOWN

NUMBER	DATE
--------	------

PRIORITY INFORMATION:

US 1996-13958P 19960315 (60)

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

Attention: Patent Administrator, KATTEN MUCHIN ZAVIS, Suite 1600, 525 West Monroe Street, Chicago, IL, 60661-3693

NUMBER OF CLAIMS:

64

EXEMPLARY CLAIM:

1

NUMBER OF DRAWINGS:

2 Drawing Page(s)

LINE COUNT:

4297

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Polynucleotides encoding mammalian ECM signalling molecules affecting the cell adhesion, migration, and proliferation activities characterizing such complex biological processes as angiogenesis, chondrogenesis, and oncogenesis, are provided. The polynucleotide compositions include DNAs and RNAs comprising part, or all, of an ECM signalling molecule coding sequence, or biological equivalents. Polypeptide compositions are also provided. The polypeptide compositions comprise mammalian ECM signalling molecules, peptide fragments, inhibitory peptides capable of interacting with receptors for ECM signalling molecules, and antibody products recognizing Cyr61. Also provided are methods for producing mammalian ECM signalling molecules. Further provided are methods for using mammalian ECM signalling molecules to screen for, and/or modulate, disorders associated with angiogenesis, chondrogenesis, and oncogenesis; ex vivo methods for using mammalian ECM signalling molecules to prepare blood products are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

LS ANSWER 3 OF 4 USPATFULL on STN

ACCESSION NUMBER: 2002:160542 USPATFULL

TITLE:

Method of screening for a modulator of angiogenesis

INVENTOR(S):

Lau, Lester F., Chicago, IL, United States

PATENT ASSIGNEE(S):

Munin Corporation, Chicago, IL, United States (U.S. corporation)

NUMBER	KIND	DATE
--------	------	------

PATENT INFORMATION:

US 6413735 B1 20020702

WO 9733995 19970918

APPLICATION INFO.:

US 1999-142569 19990402 (9)

WO 1997-US4193 19970314

	NUMBER	DATE
PRIORITY INFORMATION:	US 1996-13958P	19960315 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Crouch, Deborah	
ASSISTANT EXAMINER:	Woitach, Joseph T.	
LEGAL REPRESENTATIVE:	Katten Muchin Zavis	
NUMBER OF CLAIMS:	9	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Figure(s); 2 Drawing Page(s)	
LINE COUNT:	4088	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Polynucleotides encoding mammalian ECM signalling molecules affecting the cell adhesion, migration, and proliferation activities characterizing such complex biological processes as angiogenesis, chondrogenesis, and oncogenesis, are provided. The polynucleotide compositions include DNAs and RNAs comprising part, or all, of an ECM signalling molecule coding sequence, or biological equivalents. Polypeptide compositions are also provided. The polypeptide compositions comprise mammalian ECM signalling molecules, peptide fragments, inhibitory peptides capable of interacting with receptors for ECM signalling molecules, and antibody products recognizing Cyr61. Also provided are methods for producing mammalian ECM signalling molecules. Further provided are methods for using mammalian ECM signalling molecules to screen for, and/or modulate, disorders associated with angiogenesis, chondrogenesis, and oncogenesis; ex vivo methods for using mammalian ECM signalling molecules to prepare blood products are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 4 OF 4 EUROPATFULL COPYRIGHT 2004 WILA on STN

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

ACCESSION NUMBER:	888452	EUROPATFULL EW 200407 FS PS
TITLE:	HUMAN CYR61, AN EXTRACELLULAR MATRIX SIGNALLING MOLECULE. HUMANES CYR61, EIN SIGNALMOLEKUEL DER EXTRAZELLULAREN MATRIX. CYR61 HUMAINE, UNE MOLECULE DE SIGNALISATION DE MATRICE EXTRACELLULAIRE.	
INVENTOR(S):	LAU, Lester, F., 2677 N. Orchard Street, Chicago, IL 60614, US	
PATENT ASSIGNEE(S):	Munin Corporation, Chicago Technology Park, 2201 West Campbell Park Drive, Chicago, IL 60612, US	
PATENT ASSIGNEE NO:	2393550	
AGENT:	Walton, Sean Malcolm et al., MEWBURN ELLIS, York House, 23 Kingsway, London WC2B 6HP, GB	
AGENT NUMBER:	77071	
OTHER SOURCE:	MEPB2004007 EP 0888452 B1 0070	
SOURCE:	Wila-EPS-2004-H07-T1	
DOCUMENT TYPE:	Patent	
LANGUAGE:	Anmeldung in Englisch; Veroeffentlichung in Englisch	
DESIGNATED STATES:	R AT; R BE; R CH; R DE; R DK; R ES; R FI; R FR; R GB; R GR; R IE; R IT; R LI; R LU; R MC; R NL; R PT; R SE	
PATENT INFO.PUB.TYPE:	EPB1 EUROPÄISCHE PATENTSCHRIFT (Internationale Anmeldung)	
PATENT INFORMATION:	PATENT NO	KIND DATE

	EP 888452	B1 20040211
'OFFENLEGUNGS' DATE:		19990107
APPLICATION INFO.:	EP 1997-916018	19970314
PRIORITY APPLN. INFO.:	US 1996-13958	19960315
RELATED DOC. INFO.:	WO 199US7004193	970314 INTAKZ
	WO 1997033995	970918 INTPNR
REFERENCE PAT. INFO.:	EP 495674 A	WO 96-01896 A
	US 5408040 A	
REF. NON-PATENT-LIT.:	T.P. O' BRIEN ET AL: "Expression of <i>cyr61</i> , a growth factor-inducible immediate-early gene" MOLECULAR AND CELLULAR BIOLOGY, vol. 10, no. 7, July 1990, WASHINGTON US, pages 3569-3577, XP002035375 cited in the application B.V. LATINKIC ET AL: "Promoter function and structure of the growth factor inducible immediate early gene CYR61" NUCLEIC ACIDS RESEARCH, vol. 19, no. 12, 1991, OXFORD GB, pages 3261-3267, XP002035376 M.L. KIREEVA ET AL: "CYR61, a product of a growth factor-inducible immediate-early gene, promotes cell proliferation, migration and adhesion" MOLECULAR AND CELLULAR BIOLOGY, vol. 16, no. 4, April 1996, WASHINGTON US, pages 1326-1334, XP002035377 cited in the application ROLF-PETER RYSECK ET AL: "Structure, mapping and expression of <i>fisp-12</i> , a growth factor-inducible gene encoding a secreted cysteine rich protein" CELL GROWTH AND DIFFERENTIATION, vol. 2, May 1991, pages 225-233, XP002035901 cited in the application G.P. YANG ET AL: "CYR61, product of a growth factor-inducible immediate early gene, is associated with the extracellular matrix and the cell surface" CELL GROWTH & DIFFERENTIATION, vol. 2, no. 7, July 1991, pages 351-357, XP002035902 cited in the application T.P. O'BRIEN ET AL: "Expression of the growth factor-inducible immediate early gene CYR61 correlates with chondrogenesis during mouse embryonic development" CELL GROWTH & DIFFERENTIATION, vol. 3, no. 9, September 1992, pages 645-654, XP002035903 cited in the application	

## Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID: SSSPTAU153CXA

**PASSWORD :**

TERMINAL (ENTER 1, 2, 3, OR ?):2

NEWS 1	Web Page URLs for STN Seminar Schedule - N. America	
NEWS 2	"Ask CAS" for self-help around the clock	
NEWS 3	JAN 27	Source of Registration (SR) information in REGISTRY updated and searchable
NEWS 4	JAN 27	A new search aid, the Company Name Thesaurus, available in CA/CAplus
NEWS 5	FEB 05	German (DE) application and patent publication number format changes
NEWS 6	MAR 03	MEDLINE and LMEDLINE reloaded
NEWS 7	MAR 03	MEDLINE file segment of TOXCENTER reloaded
NEWS 8	MAR 03	FRANCEPAT now available on STN
NEWS 9	MAR 29	Pharmaceutical Substances (PS) now available on STN
NEWS 10	MAR 29	WPIFV now available on STN
NEWS 11	MAR 29	New monthly current-awareness alert (SDI) frequency in RAPRA
NEWS 12	APR 26	PROMT: New display field available
NEWS 13	APR 26	IFIPAT/IFIUDB/IFICDB: New super search and display field available
NEWS 14	APR 26	LITALERT now available on STN
NEWS 15	APR 27	NLDB: New search and display fields available
NEWS 16	May 10	PROUSDDR now available on STN
NEWS 17	May 19	PROUSDDR: One FREE connect hour, per account, in both May and June 2004
NEWS 18	May 12	EXTEND option available in structure searching
NEWS 19	May 12	Polymer links for the POLYLINK command completed in REGISTRY
NEWS 20	May 17	FRFULL now available on STN
NEWS 21	May 27	STN User Update to be held June 7 and June 8 at the SLA 2004 Conference
NEWS 22	May 27	New UPM (Update Code Maximum) field for more efficient patent SDIs in CAplus
NEWS 23	May 27	CAplus super roles and document types searchable in REGISTRY
NEWS 24	May 27	Explore APOLLIT with free connect time in June 2004
NEWS EXPRESS	MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004	
NEWS HOURS	STN Operating Hours Plus Help Desk Availability	
NEWS INTER	General Internet Information	
NEWS LOGIN	Welcome Banner and News Items	
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN	
NEWS WWW	CAS World Wide Web Site (general information)	

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may